

FIG.1

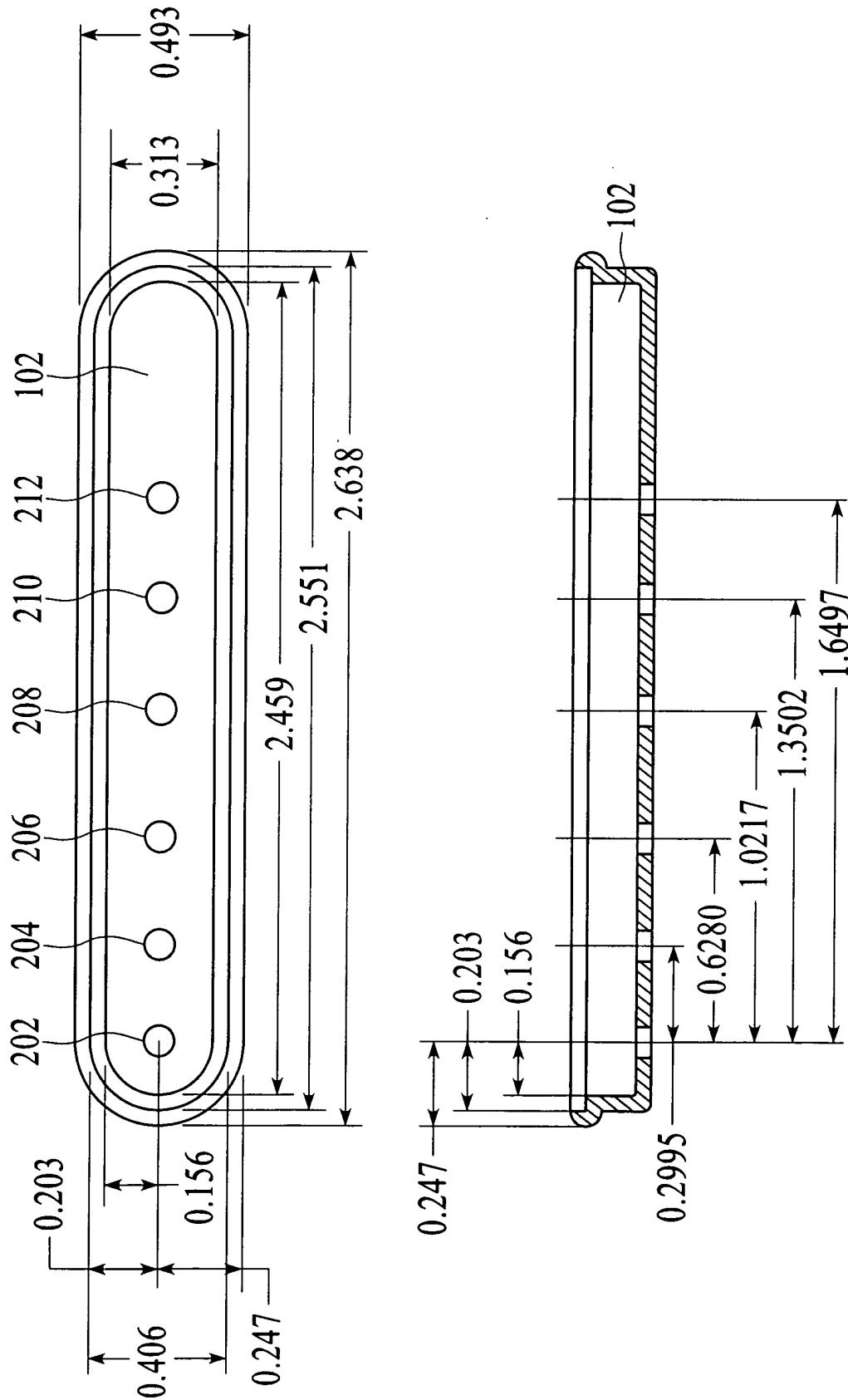
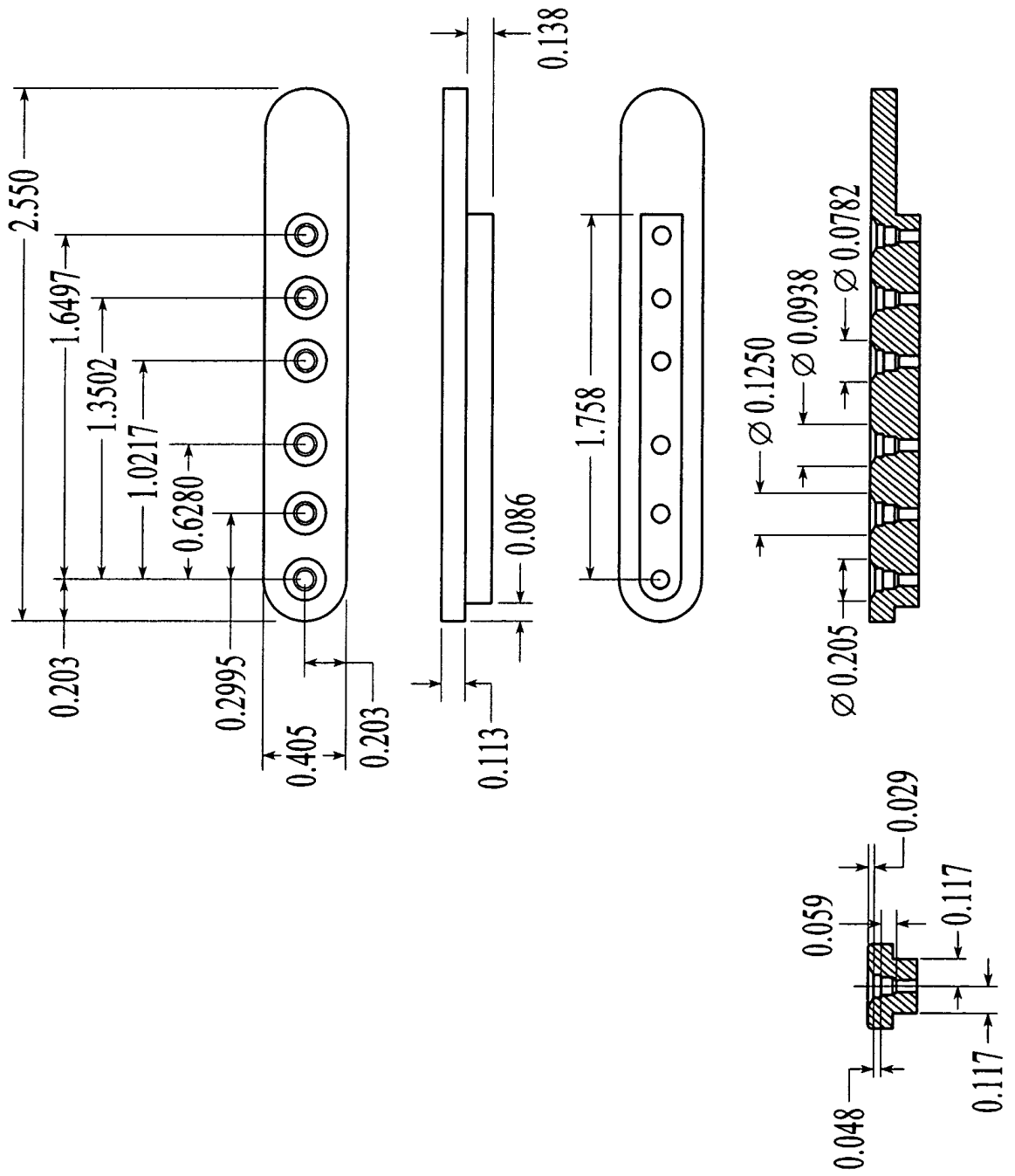
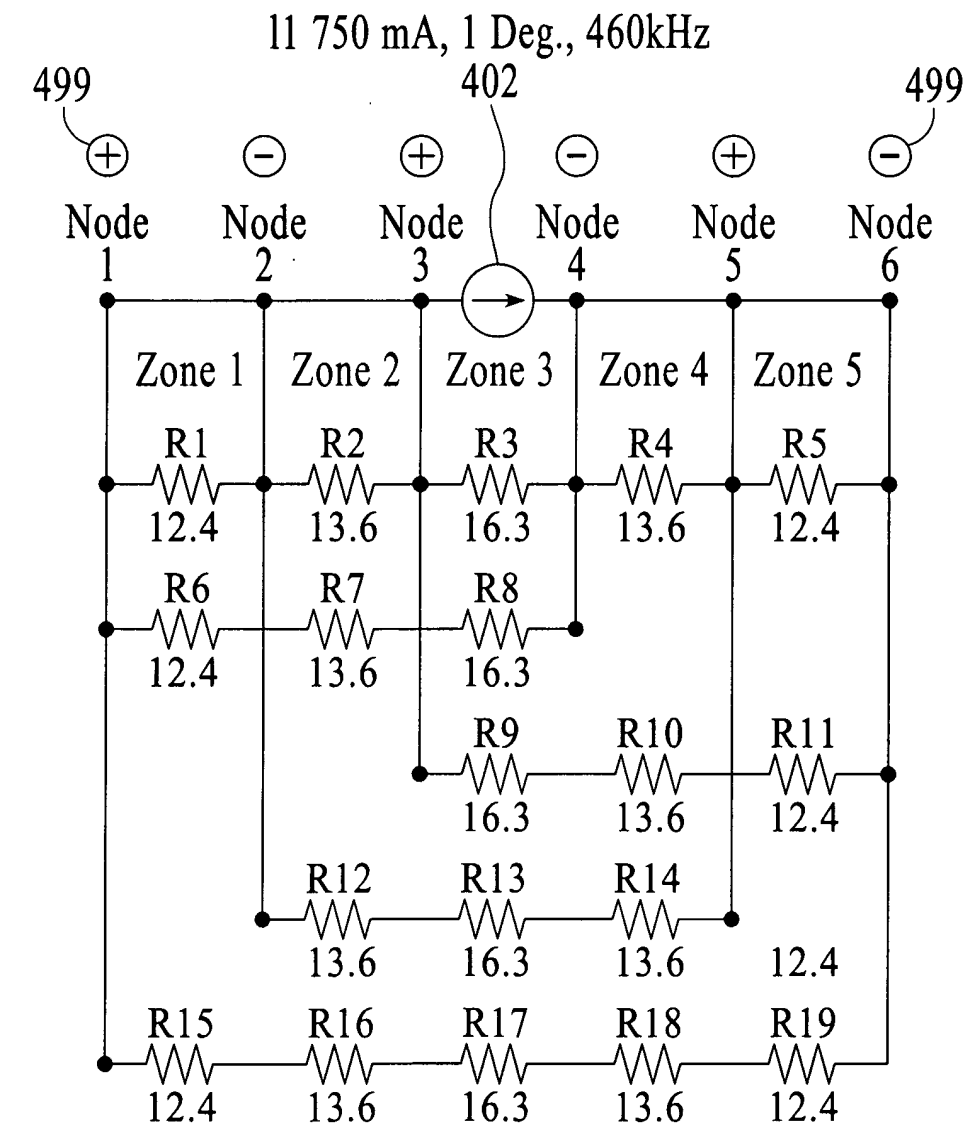


FIG.2

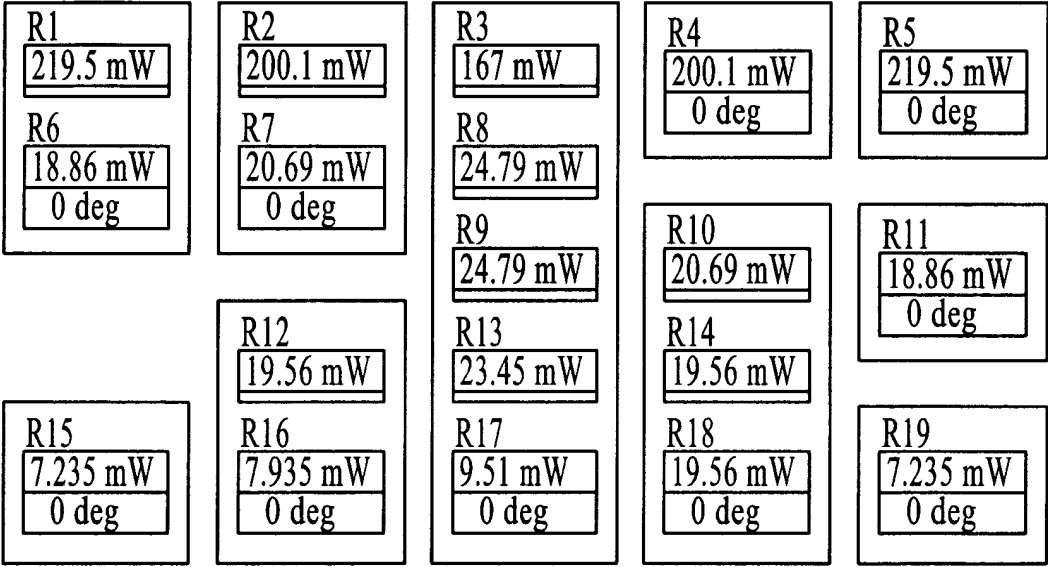
FIG.3





400 →

FIG.4A

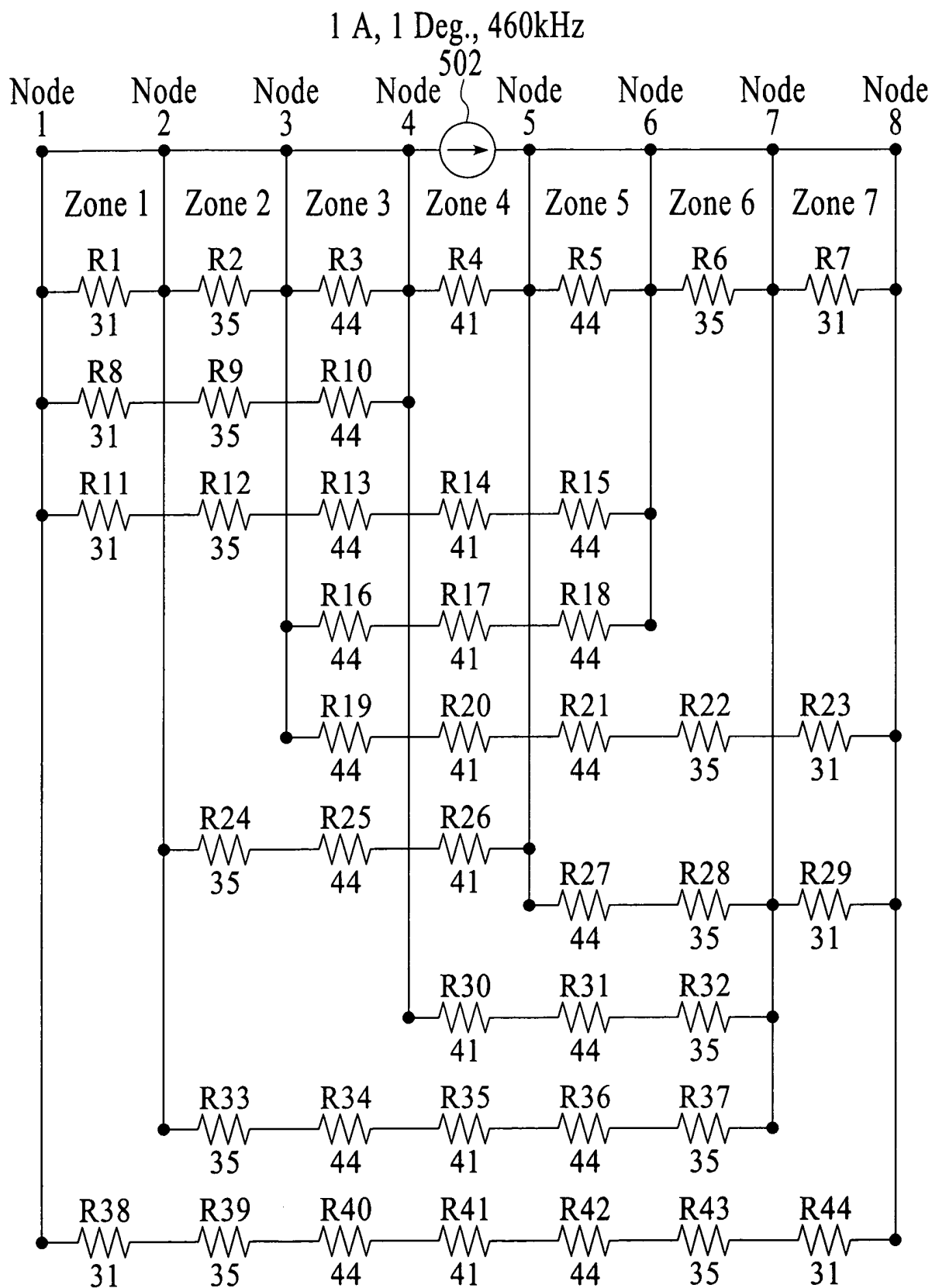


450

FIG.4B

480 ~ Values with Balanced Circuit							
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5		
	219.5	200.1	167	200.1	219.5		
	18.86	20.69	24.79	20.69	18.86		
	7.235	19.56	24.79	19.56	7.235		
		7.935	23.45	7.935			
			9.51				
482 ~	Total Power per Zone	245.595	248.285	249.54	248.285	245.595	
	% Error per Zone	0	-1.095299	-1.606303	-1.095299	0	
	"Spacing" Value per Zone	12.4	13.6	16.3	13.6	12.4	
484 ~	"Spacing" Ratio per Zone	1.00	1.097	1.315	1.097	1.00	
486 ~	"Spacing" Ratio per Zone	0.760736	0.834356	1	0.834356	0.760736	4.190184

FIG.4C



500 →

FIG.5A

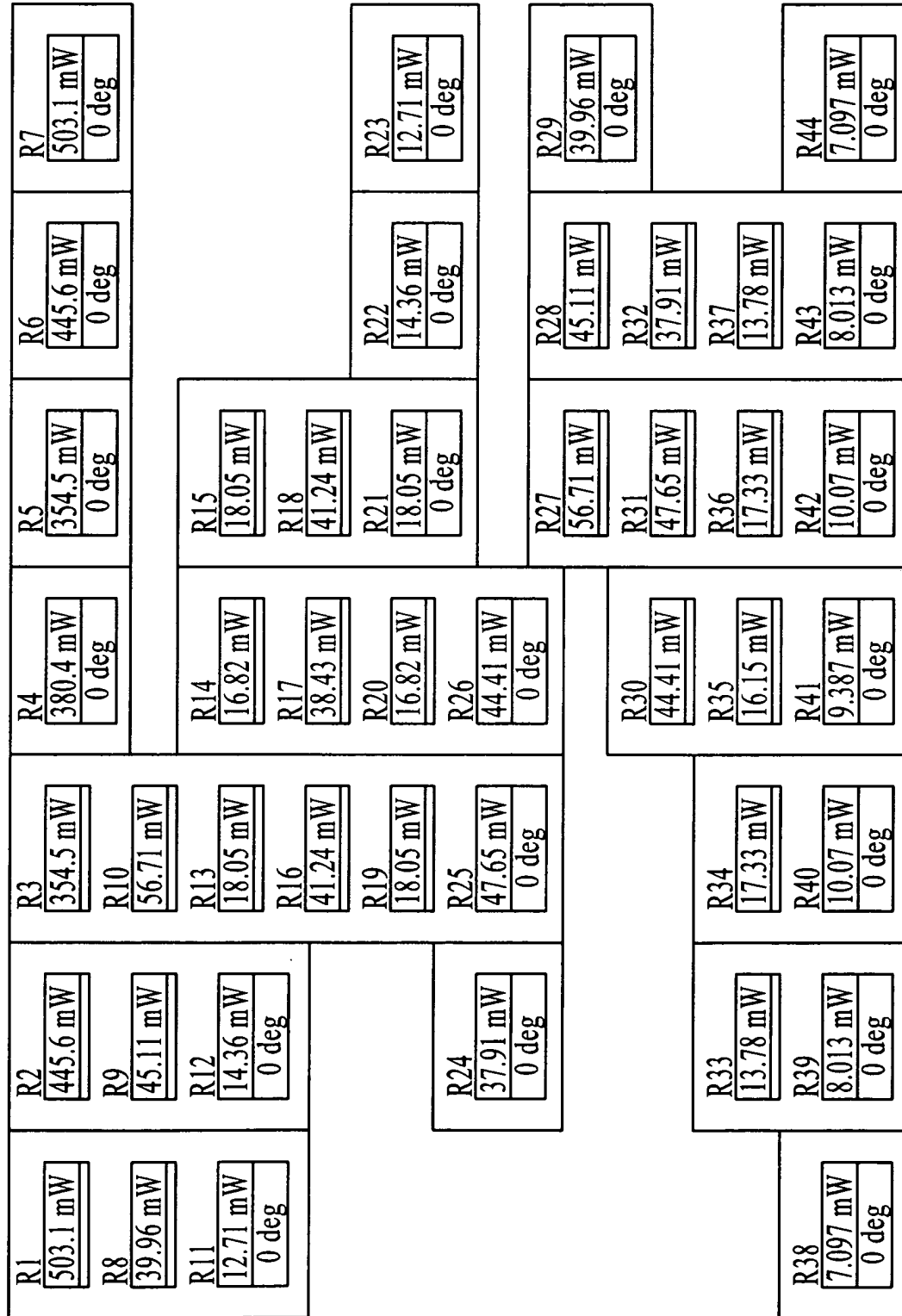


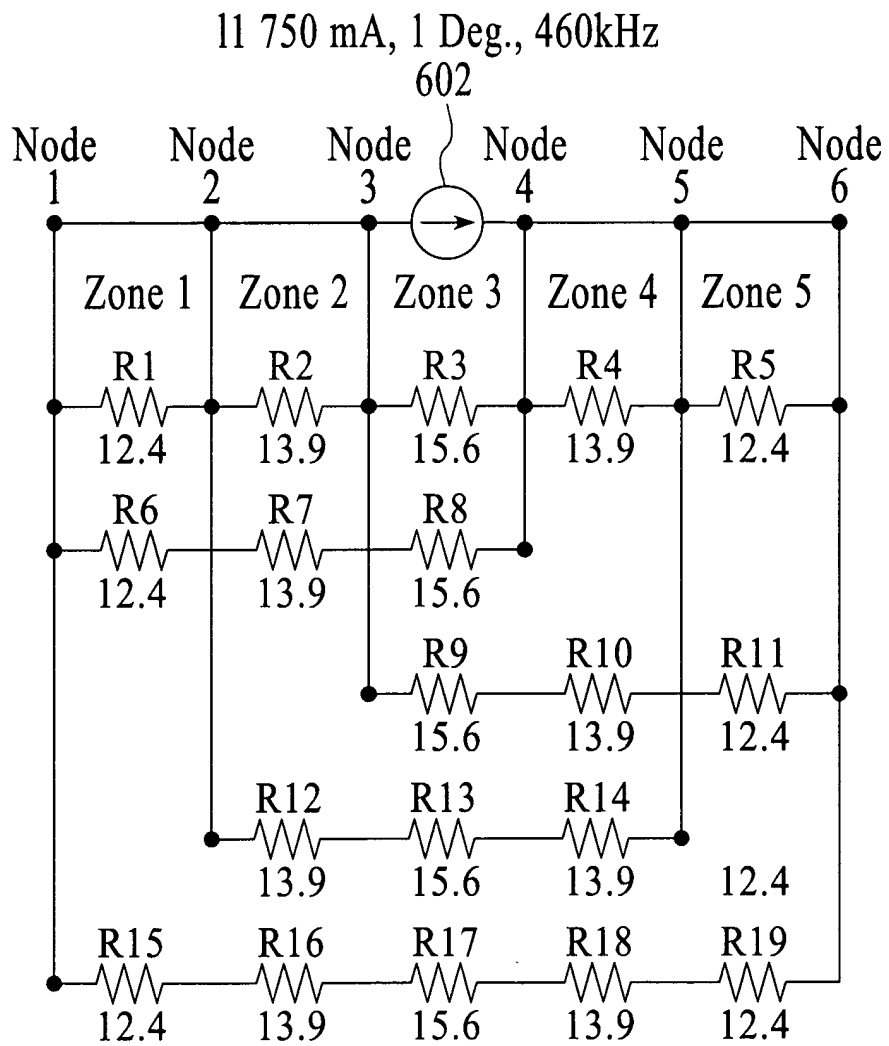
FIG. 5B

550

580 ~ Values with Balanced Circuit

	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7
	503.1	445.6	354.5	380.4	354.5	445.6	503.1
	39.96	45.11	56.71	16.82	18.05	14.36	12.71
	12.71	14.36	18.05	38.43	41.24	45.11	39.96
	7.097	37.91	41.24	16.82	18.05	37.91	7.097
		13.78	18.05	44.41	56.71	13.78	
		8.013	47.65	44.41	47.65	8.013	
			17.33	16.15	17.33		
			10.07	9.387	10.07		
582 ~ Total Power per Zone	562.87	564.77	563.60	566.83	563.60	564.77	562.87
% Error per Zone	0.00	0.34	0.13	0.70	0.13	0.34	0.00
"Spacing" Value per Zone	31	35	44	41	44	35	31
584 ~ "Spacing" Ratio per Zone	1.000	1.129	1.419	1.323	1.419	1.129	1.000
586 ~ "Spacing" Ratio per Zone	0.704545	0.795455	1	0.931818	1	0.795455	0.704545

FIG.5C



600 →

FIG.6A

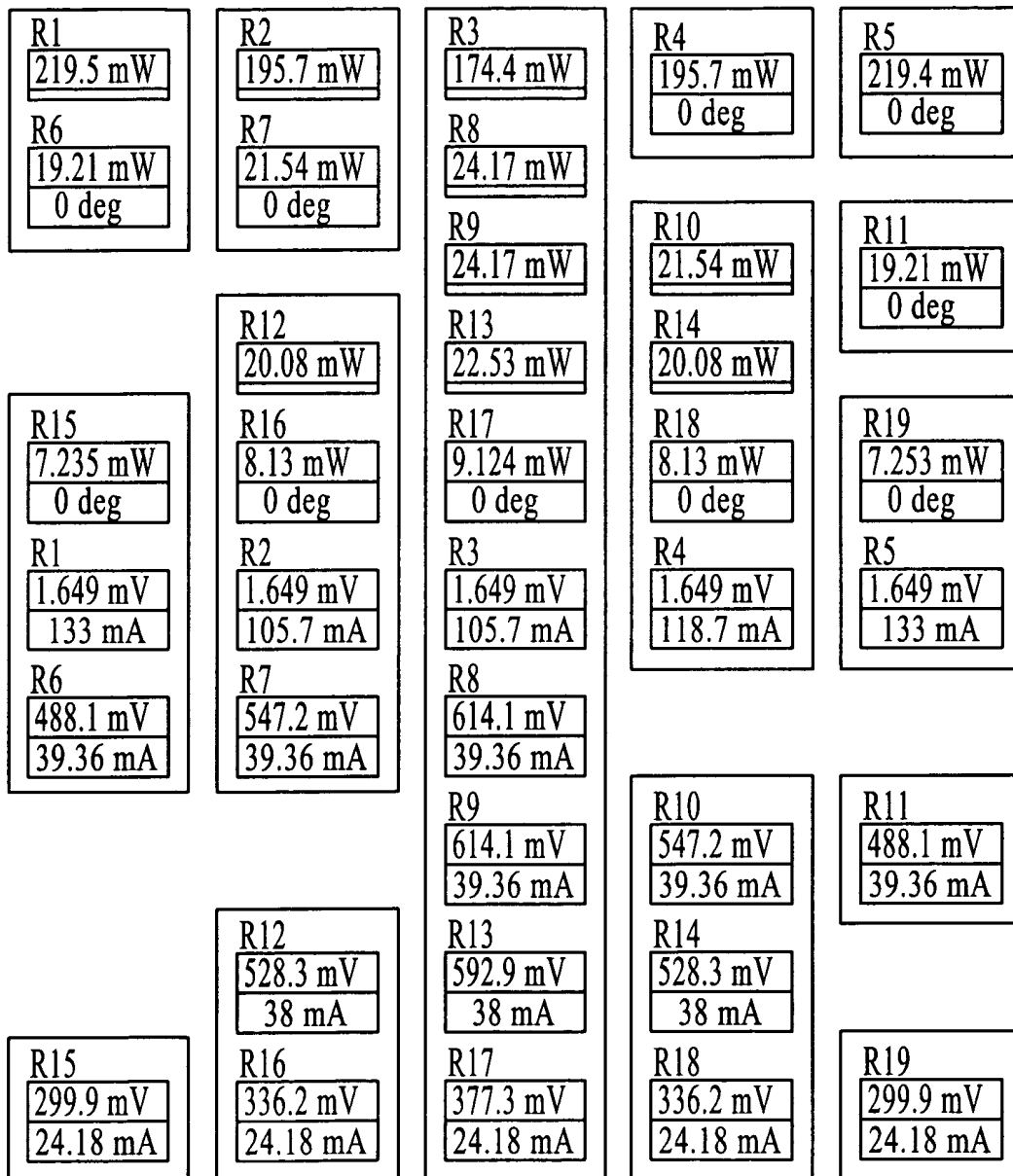


FIG.6B

680 ~ Values with Balanced Circuit					
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
	133	118.7	105.7	118.7	133
	39.36	39.36	39.36	39.36	39.36
	24.18	38	39.36	38	24.18
		24.18	38	24.18	
			24.18		
	Total Current per Zone	196.54	220.24	246.6	220.24
					196.54
	"Spacing" Value per Zone	12.4	13.9	15.6	13.9
					12.4
	Current Density per Zone	15.85	15.8446	15.80769	15.8446
					15.85
	% Error	0.0	0.0	0.3	0.0
					0.0
	"Spacing" Ratio per Zone	1.00	1.12	1.26	1.12
					1.00
	"Spacing" Ratio per Zone	0.79	0.89	1.00	0.89
					0.79

FIG.6C

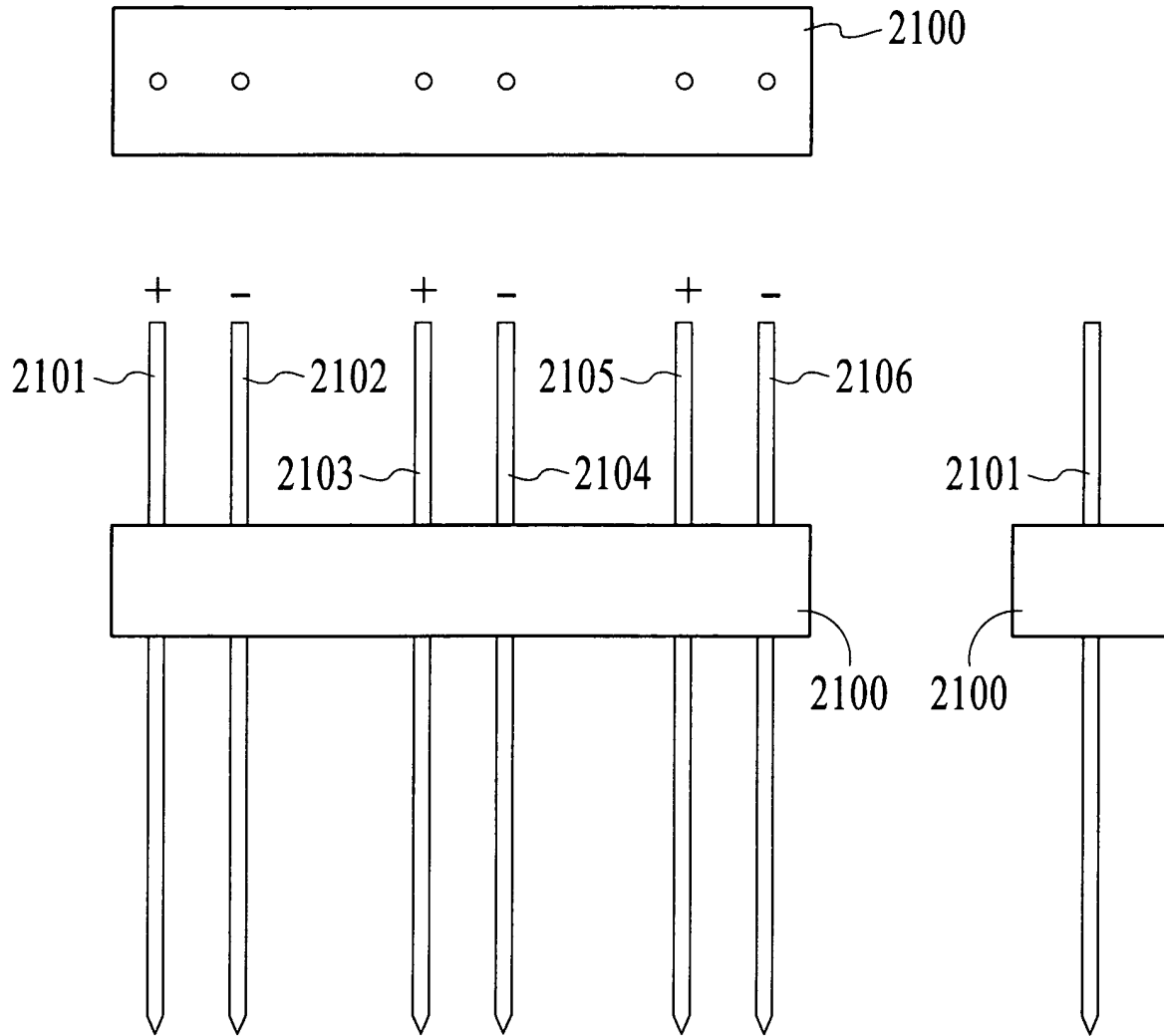


FIG.7

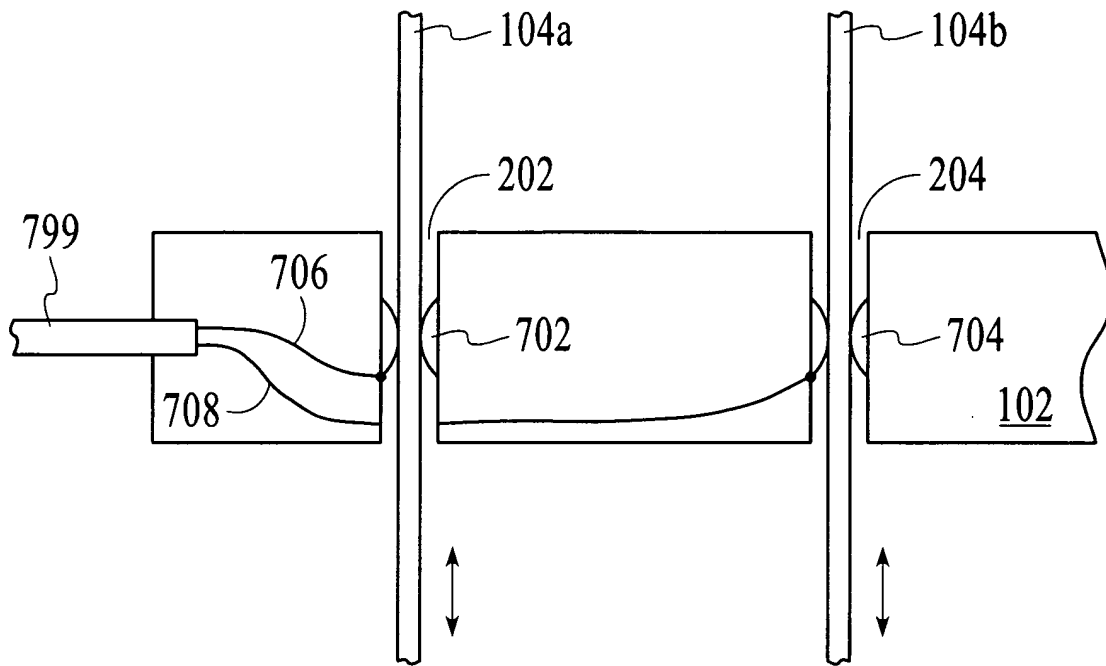


FIG.8

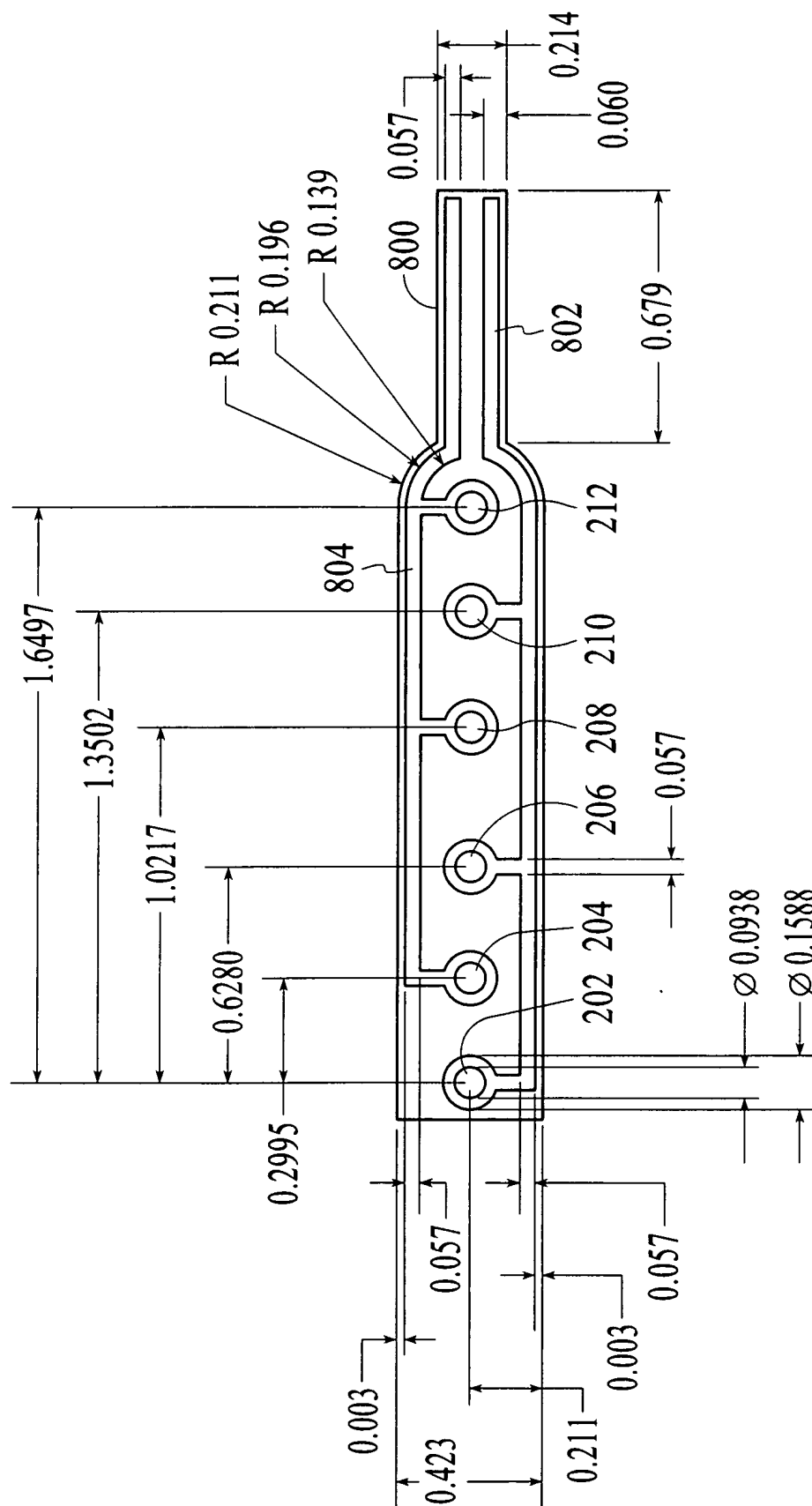


FIG. 9

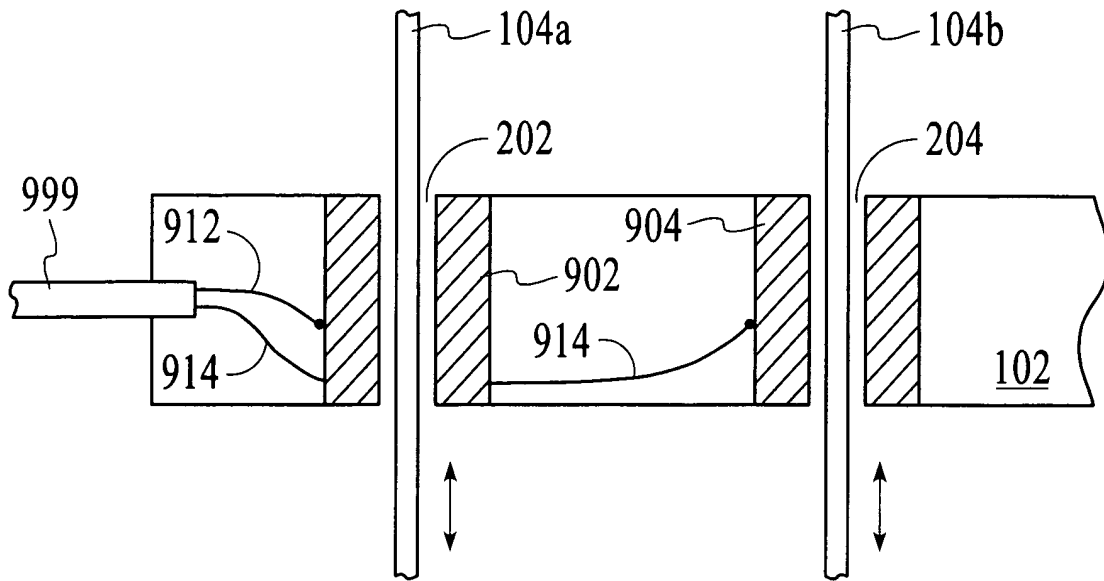


FIG.10

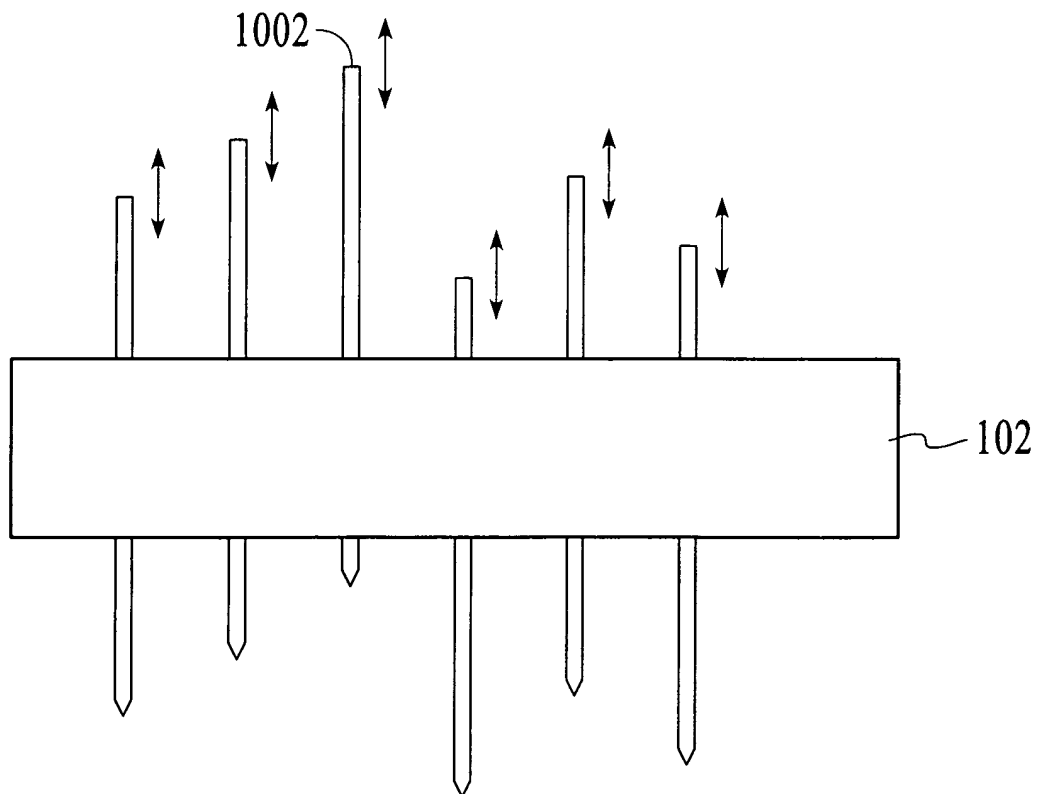


FIG.11

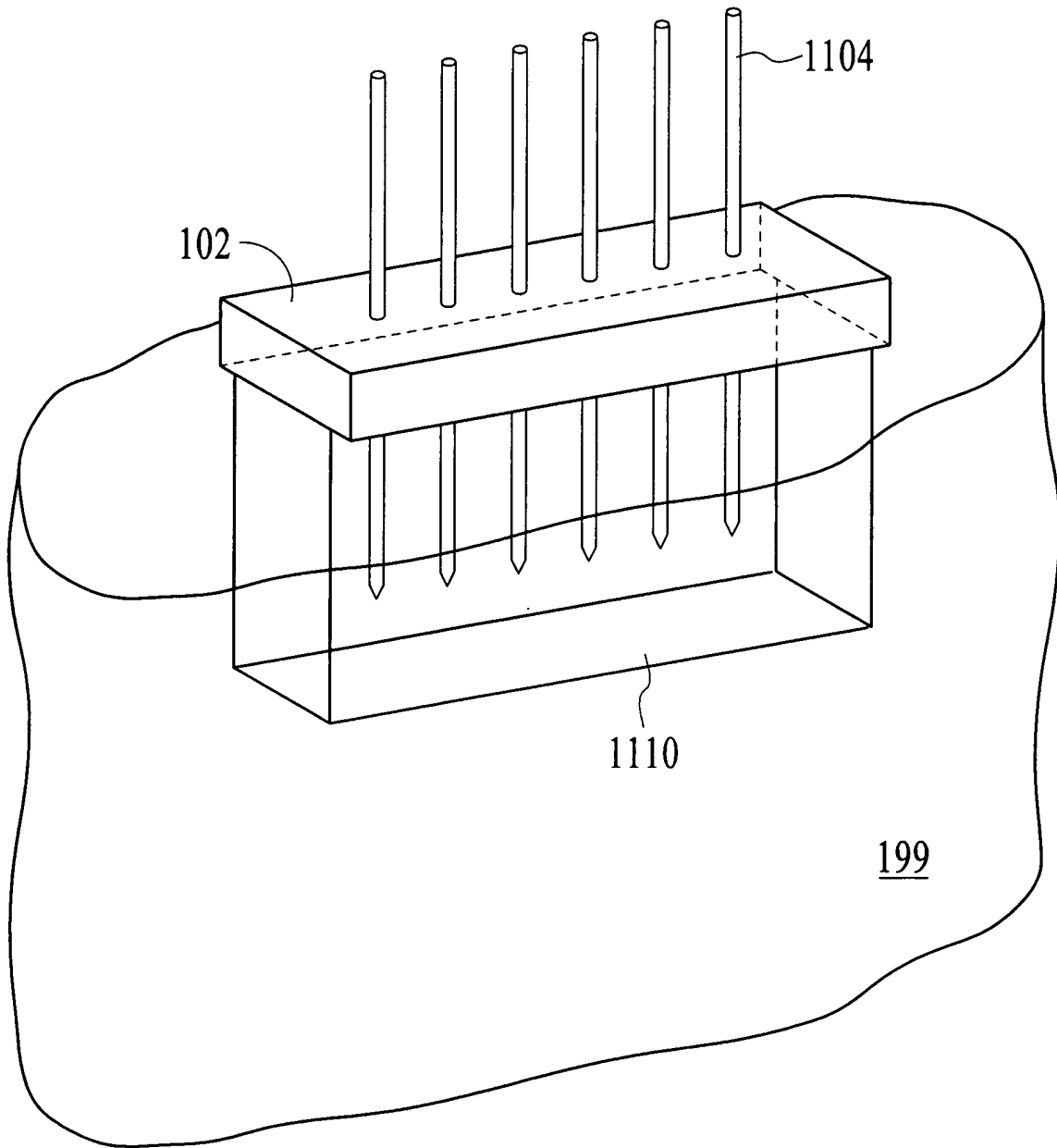


FIG.12

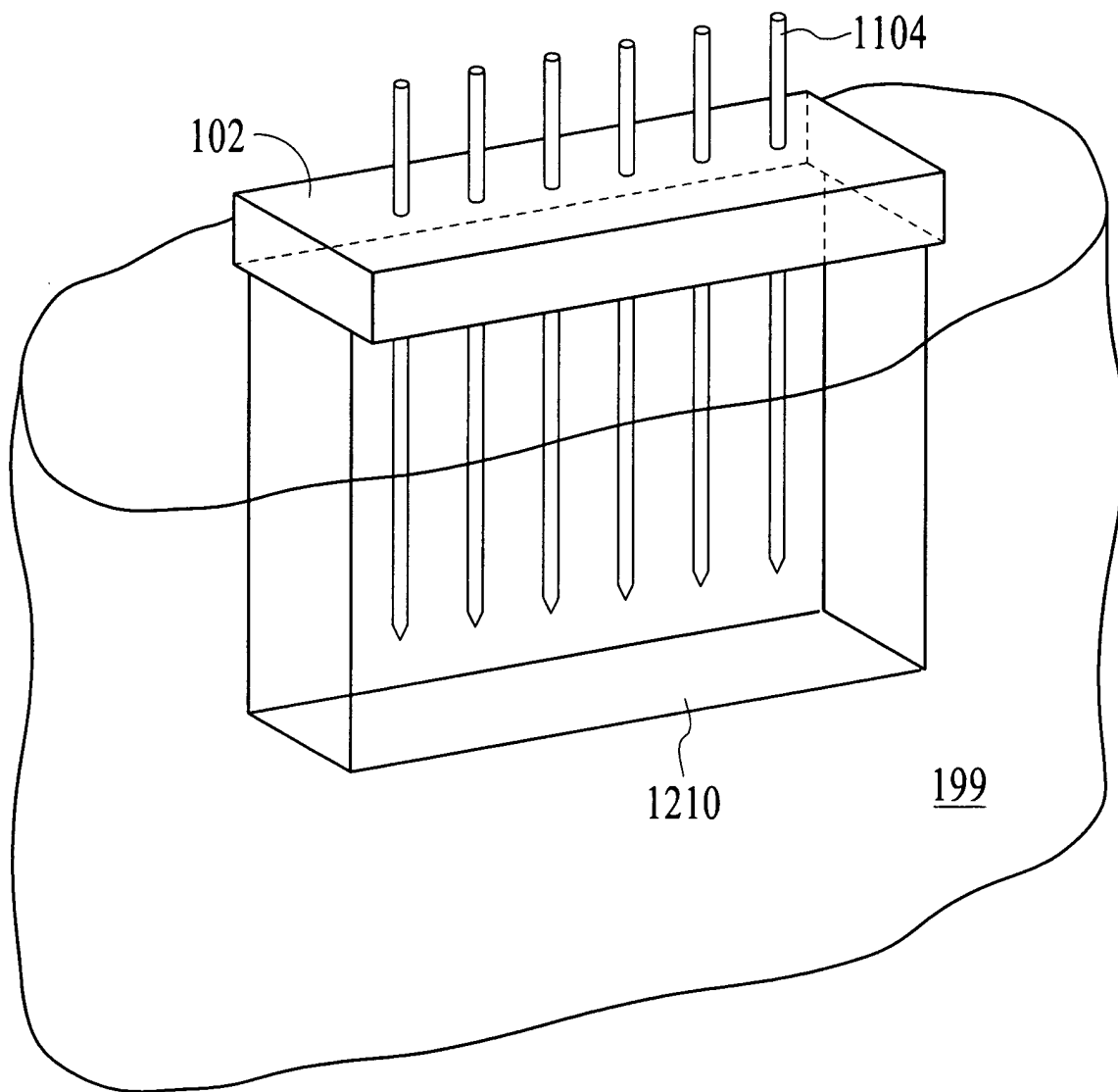


FIG.13

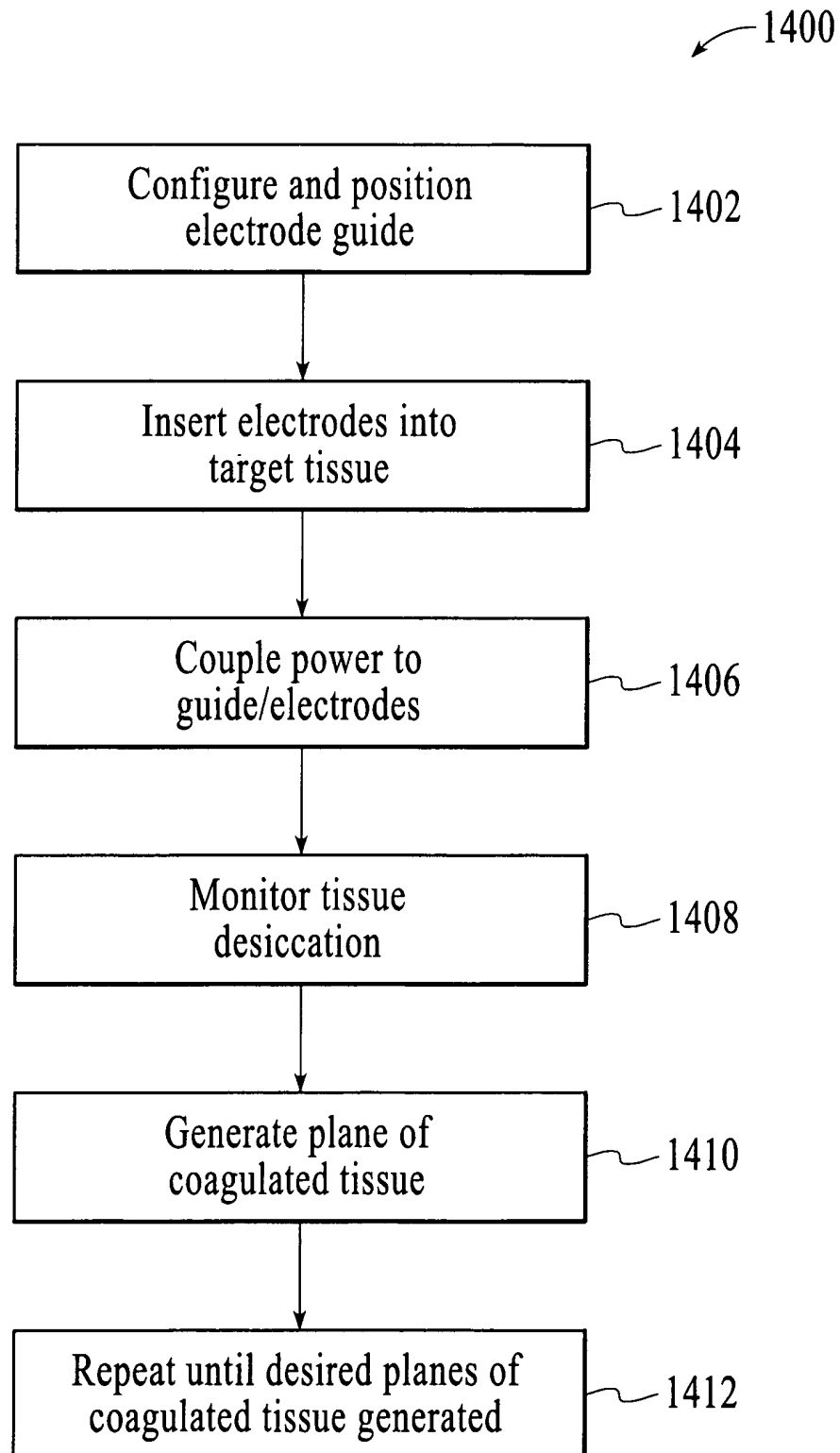


FIG.14

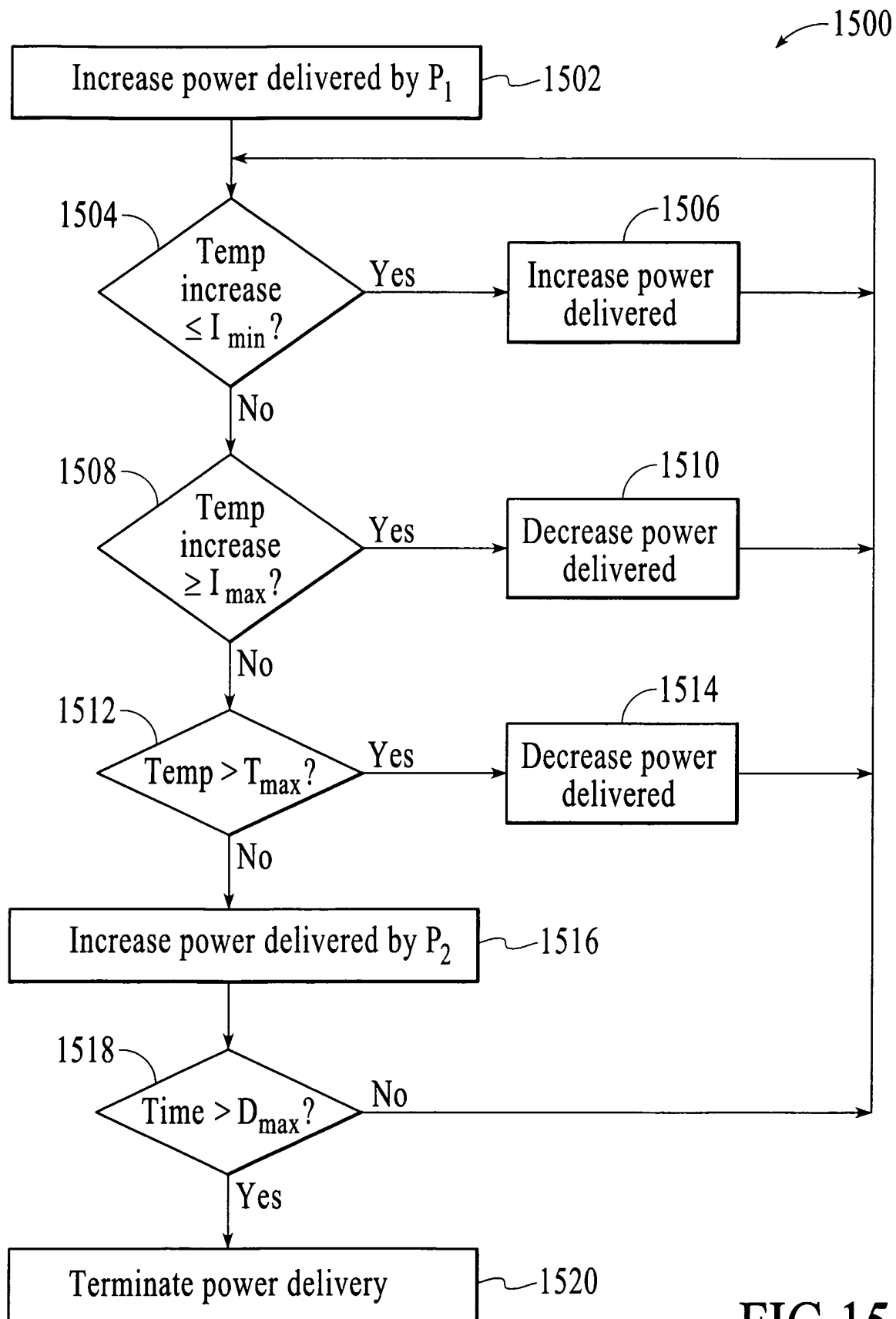


FIG.15

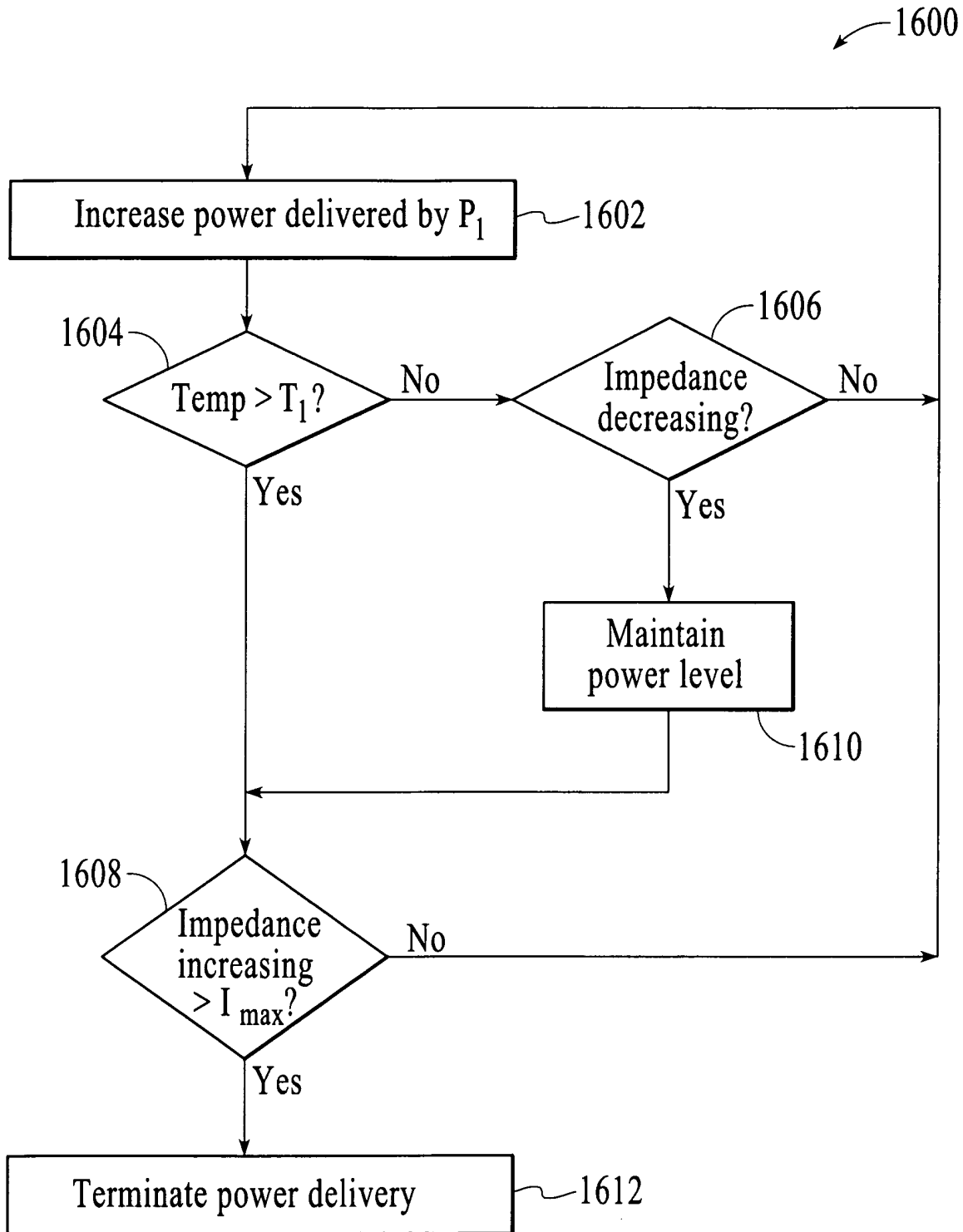


FIG.16

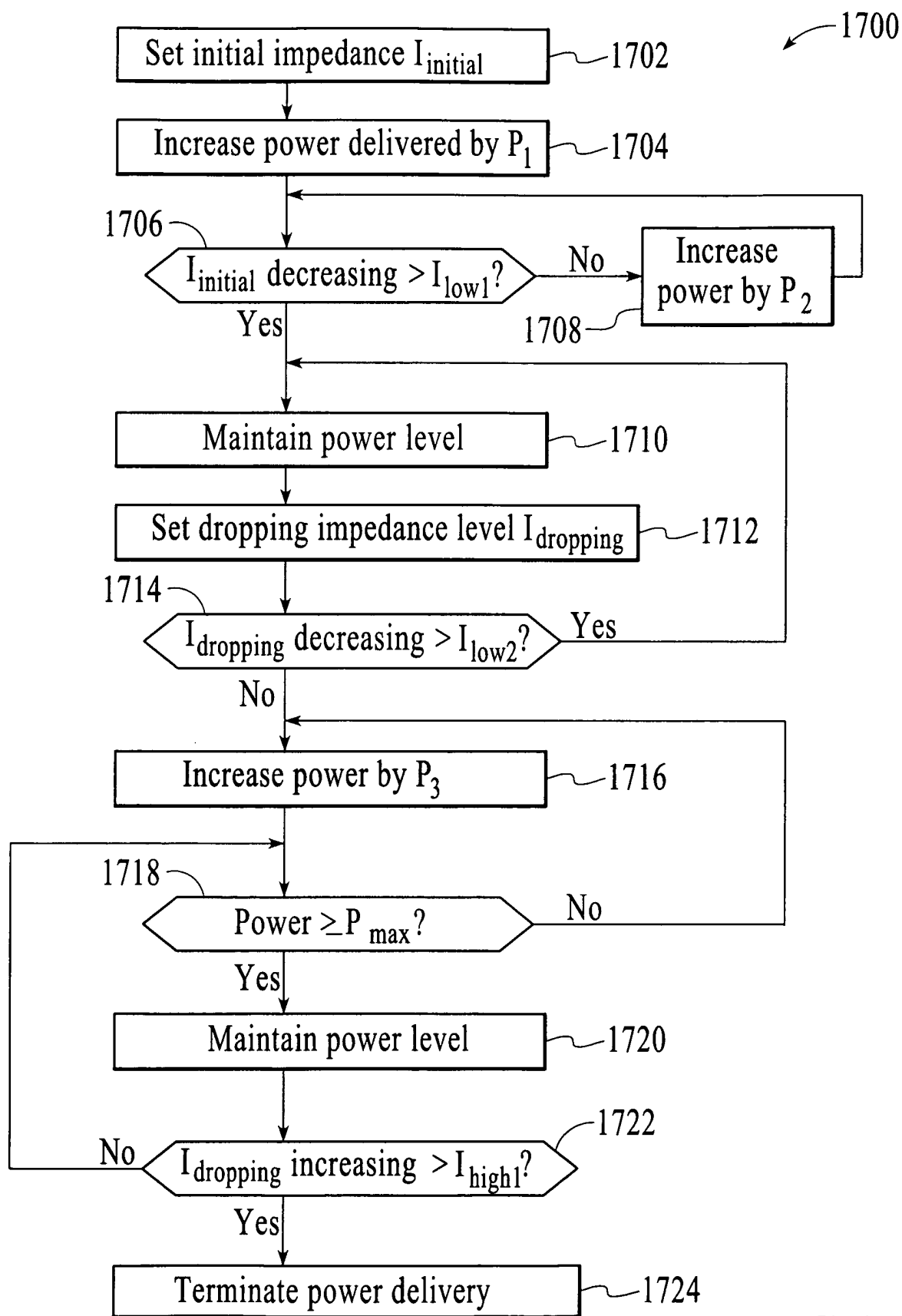


FIG.17

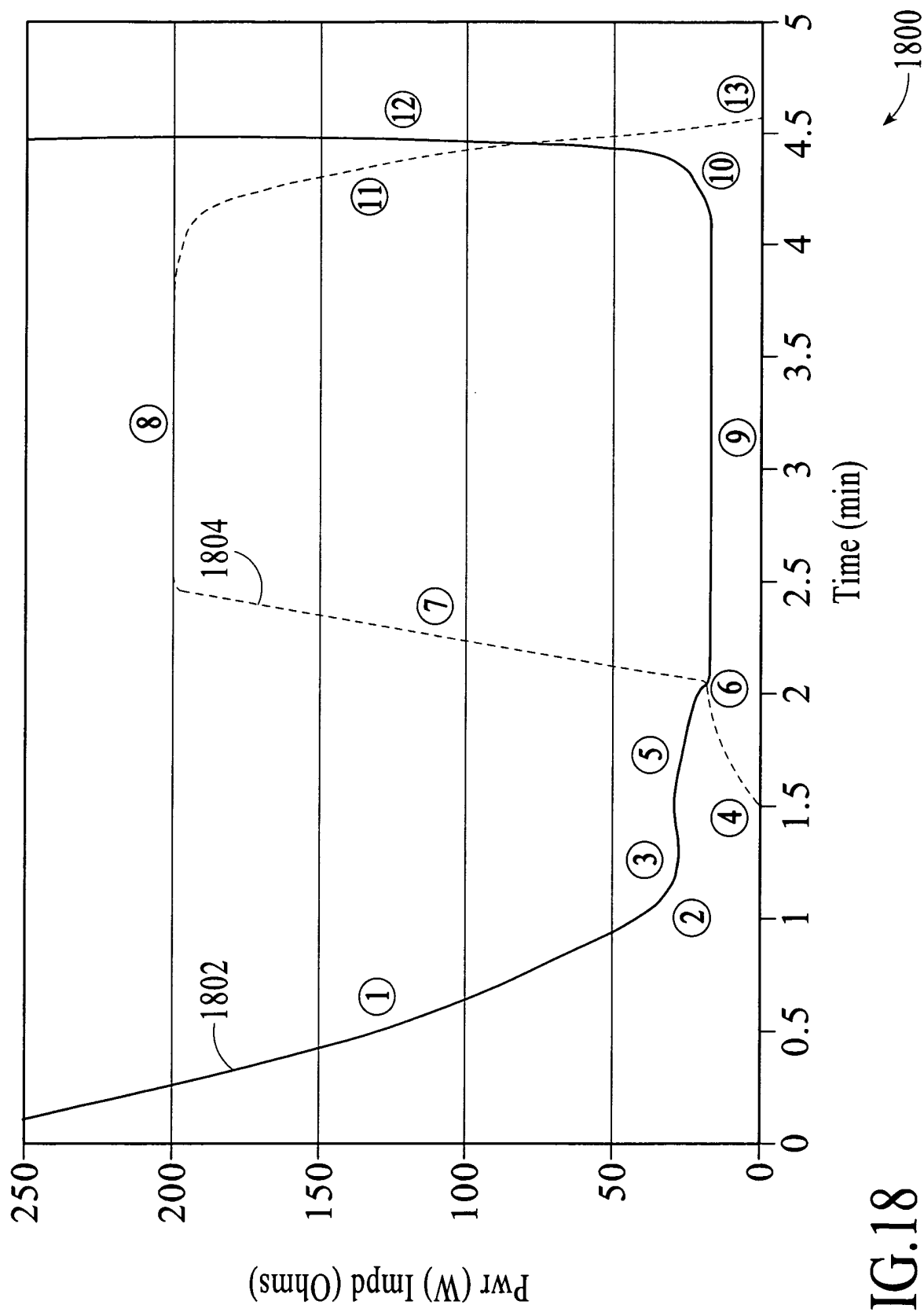


FIG.18

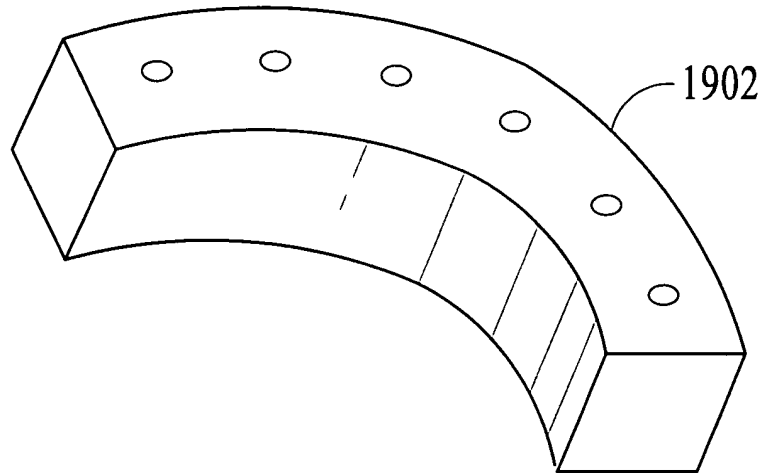


FIG. 19

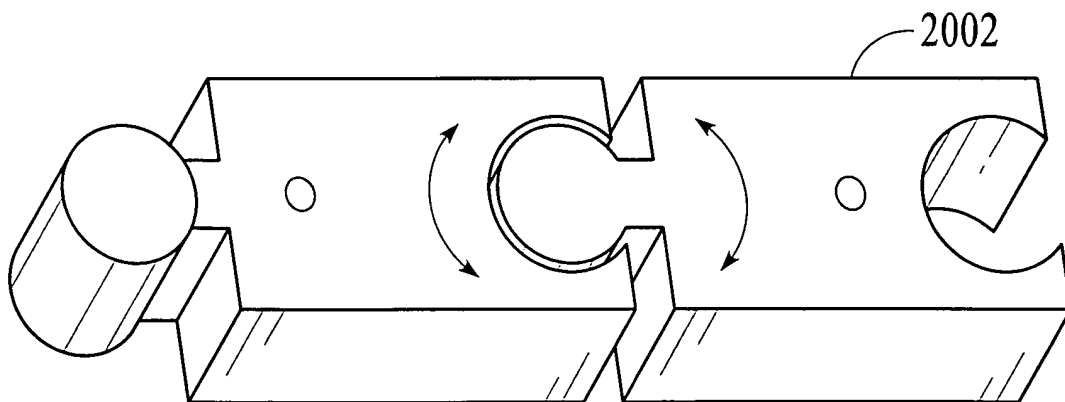


FIG. 20

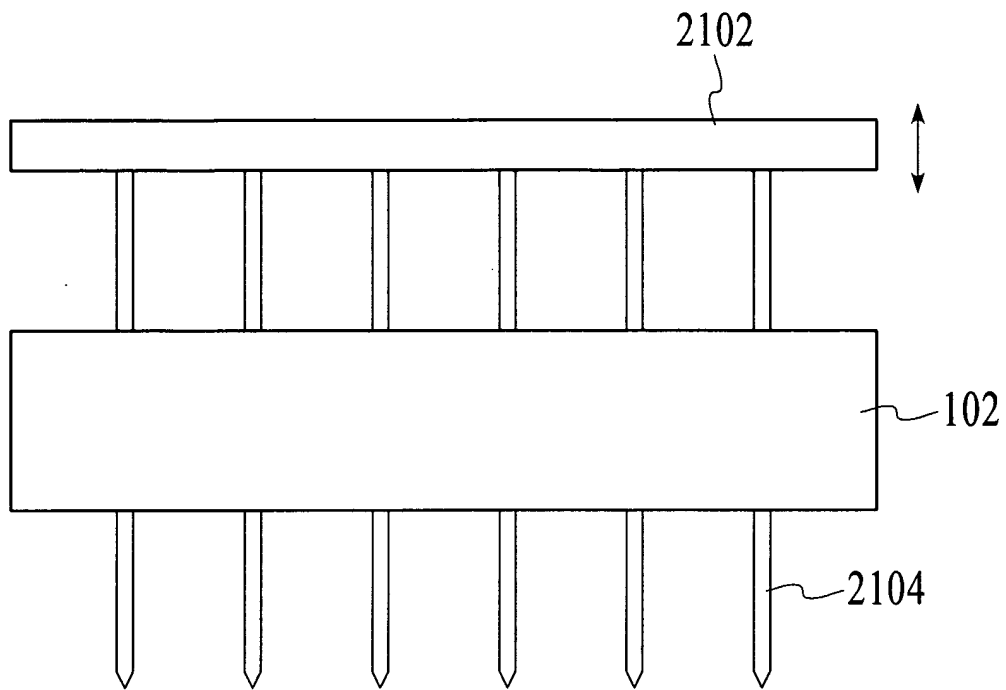


FIG. 21

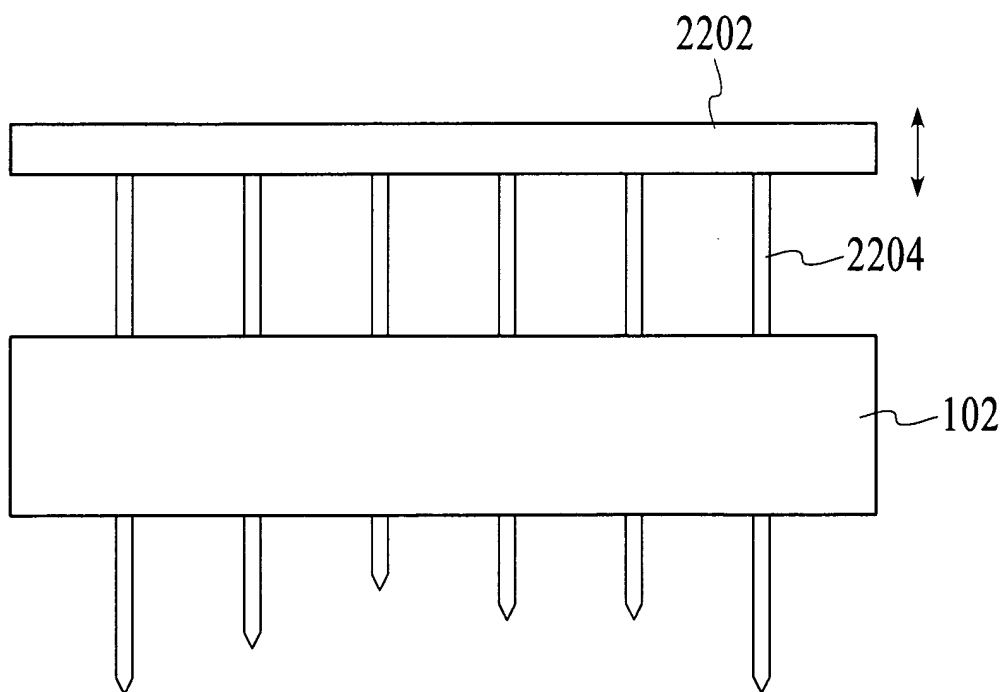


FIG. 22

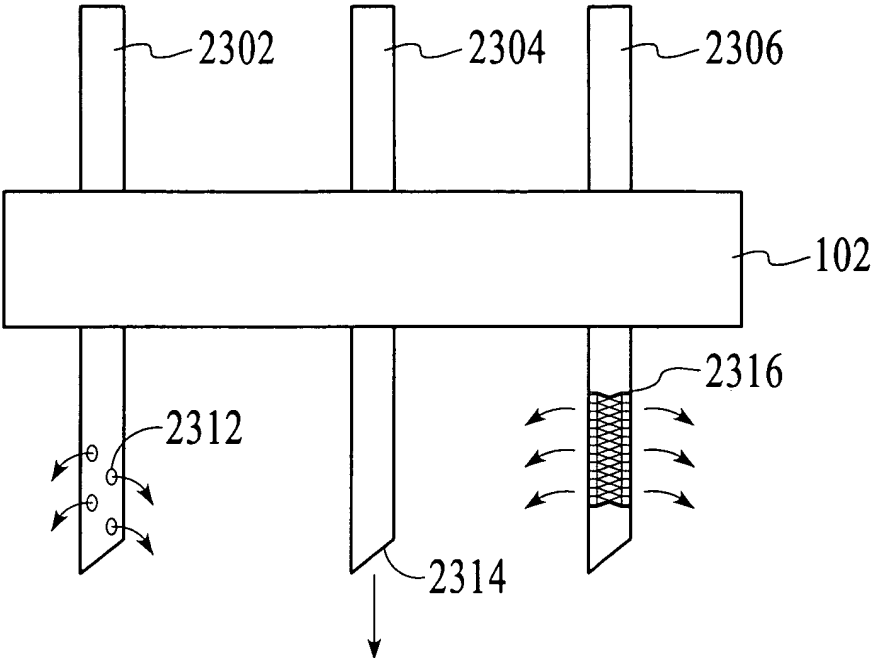


FIG. 23

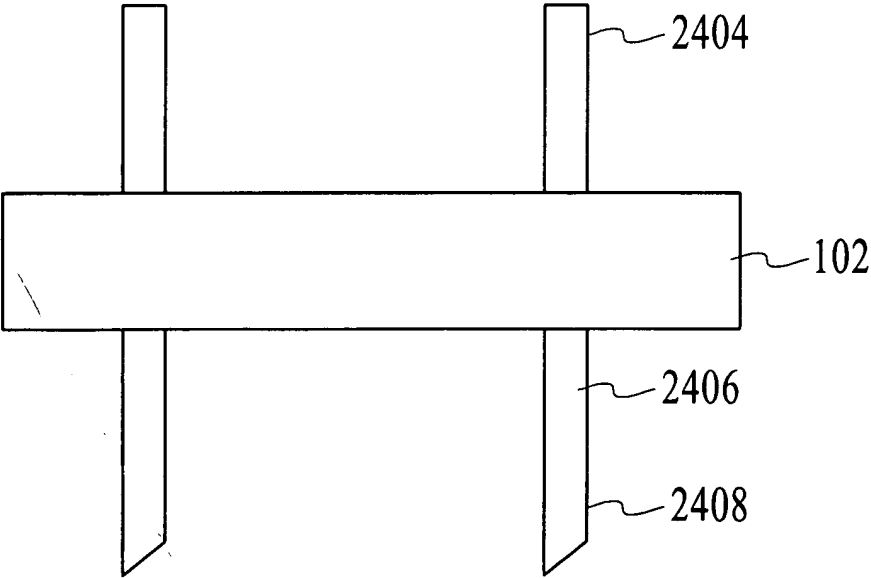


FIG. 24